

5(amended). Method according to claim 1,
characterized in that the mixture in the reforming reactor is passed over a catalyst bed.

6(amended). Method according to claim 1,
characterized in that the reaction in the reforming reactor is carried out without a
catalyst.

Please add the following new claims:

--11(new). Method according to claim 2,
characterized in that the pressure in the reforming reactor is from about 200 to about
500 bar.

12(new). Method according to claim 2,
characterized in that the CO₂-rich gas stream is present at a pressure within the interval
from 20 to 200 bar.

13(new). Method according to claim 3,
characterized in that the CO₂-rich gas stream is present at a pressure within the interval
from 20 to 200 bar.

14(new). Method according to claim 2,
characterized in that the mixture in the reforming reactor is passed over a catalyst bed.

15(new). Method according to claim 3,
characterized in that the mixture in the reforming reactor is passed over a catalyst bed.

16(new). Method according to claim 4,
characterized in that the mixture in the reforming reactor is passed over a catalyst bed.

17(new). Method according to claim 2,
characterized in that the reaction in the reforming reactor is carried out without a
catalyst.

18(new). Method according to claim 3,
characterized in that the reaction in the reforming reactor is carried out without a
catalyst.